

17-Mar-05

REPORT OF NAVIGATION CHANNELS

ER 1130-2-306

COLUMBIA RIVER - OREGON & WASHINGTON

MORGAN CHANNEL THROUGH VANCOUVER U. TURNING BASIN

Minimum depths in each 1/4
width of channel entering from
seaward

Mid-Channel

Authorized Project NAME OF CHART Name of Channel (Mileage)	Date of Survey	Feet Width	Miles Length	Project Depth	Left Outside Quarter Feet	Left Inside Quarter Feet	Right Inside Quarter Feet	Right Outside Quarter Feet
MORGAN BAR	28-Feb-05							
Willow Upper Range (97.8 - 98.9)		600	1.1	40	43	45	42	46
Morgan Bar (98.9 - 99.9)		600	1.0	40	45	46	51	50
Morgan Channel (99.9 - 101.4)		600	1.5	40	48	45	42	43
LOWER VANCOUVER BAR	24-Feb-05							
Vancouver Lower Channel (101.4 - 102.4)		500	1.0	40	46	46	49	47
Vancouver Range (102.4 - 103.7)		500	1.3	40	41	42	42	40
Vancouver Upper Channel (103.7 - 104.6)		500	0.9	40	41	42	39	38
VANCOUVER TURNING BASIN	23-Feb-05							
Vancouver Lower Turn Basin (104.6 - 105.6)		800	1.0	40	35	38	42	41
Vancouver Upper Turn Basin (105.6 - 106.5)		800	0.9	35	33	26	25	23

ENG Form 4020-R (Nov 1990)

Reference is Navigation Chart No. 18524.

Note: All Depths at Columbia River Datum.

COLUMBIA RIVER CHANNEL DEPTHS MORGAN CHANNEL TO TOMAHAWK BAR TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF CONTROLLING DEPTHS FROM SEAWARD IN FEET AT COLUMBIA RIVER DATUM (CRD)									17-Mar-05 PROJECT DIMENSIONS
NAME OF CHANNEL	Left Outside Quarter	Left Inside Quarter	Right Inside Quarter	Right Outside Quarter	Date of Survey	Width (Feet)	Length STAT (Miles)	Depth (Feet)	
Morgan Channel	48	45	42	43	28-Feb-05	600	1.5	40	
Vancouver Lower Channel	46	46	49	47	24-Feb-05	500	1.0	40	
Vancouver Range	41	42	42	40	24-Feb-05	500	1.3	40	
Vancouver Upper Channel	41	42	39	38	24-Feb-05	500	0.9	40	
Vancouver Lower Turning Basin	35	38	42	41	23-Feb-05	800	1.0	40	
Vancouver Upper Turning Basin	33	26	25	23	23-Feb-05	800	0.9	35	
Tomahawk Bar	Mid Channel for Half Project Width				10-Nov-03	300	3.7	27	
		L Outside	Mid Channel	R Outside					
		18	18	17					
* For Controlling Depth Information, consult the Local Notice to Mariners and/or the following Portland District US Army Corps of Engineers website: https://www.nwp.usace.army.mil/op/n/chpubs.htm#pubs-status-reports (Please note: Netscape Navigator users - use version 7.0 or later.)									

Reduce size to **73%** of current size to print out to a size that matches tab boxes currently on NOAA charts.